

20030322.qrp v02_n867.qrl.20030322

Date: Sat, 22 Mar 2003 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2867

QRP-L Digest 2867

Topics covered in this issue include:

- 1) [147976] OT - Monitoring The Iraq War
by Larry Przyborowski <k3peg@comcast.net>
- 2) [147977] 40 meter SW+ sold
by Steve Holloway <wsholloway1@yahoo.com>
- 3) [147978] FOX
by "Jay" <aj4ay@worldnet.att.net>
- 4) [147979] Re: Lightning (long)
by "E. Roswell" <eroswell@monmouth.com>
- 5) [147980] Re: Toaster oven for soldering?
by "Leon Heller" <leon_heller@hotmail.com>
- 6) [147981] Re: Rockmite on 30m? [Works Fine] [Parts Used]
by Nelson Winter <thenels@go.com>
- 7) [147982] OT: Repairing older radios and such.
by Michael Byrd <m.byrd10@verizon.net>
- 8) [147983] YES on Summer FOX Hunt
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 9) [147984] Thanks from NK6A
by Don Minkoff <cowchip@attbi.com>
- 10) [147985] [Contest] N2CQ QRP Contest Calendar Mar 22-31
by "Ken Newman" <N2CQ@Dandy.Net>
- 11) [147986] Atlanticon "Sniffer" tips
by "n2cx" <n2cx@voicenet.com>
- 12) [147987] Re: Comparison Argonaut V and FT-817
by Bill Coleman <aa4lr@arrl.net>
- 13) [147988] For Trade
by "Tom Curtola" <tcurtola@rogers.com>
- 14) [147989] Atlanticon Speaker - Joe Everhart, N2CX
by "George Heron N2APB" <n2apb@erols.com>
- 15) [147990] An In-Room, 80-Meter Transmitting Multiturn Loop Antenna
by k4vib@att.net
- 16) [147991] Re: Comparison Argonaut V and FT-817
by Bill ROWLETT <kc4atu@yahoo.com>
- 17) [147992] High Speed Internet on Ham Bands
by "Karl F. Larsen" <k5di@zianet.com>
- 18) [147993] FT301/Older radios..problems with fixing..parts obsolete etc.
by ve3ab@mail.mondenet.com
- 19) [147994] Re: Lightning (long) - cone of protection

- by "JAKidz" <jakidz@pullman.com>
- 20) [147995] Re: High Speed Internet on Ham Bands
by W2AGN <w2agn@w2agn.net>
 - 21) [147996] Atlanticon Registrations and Sniffer Kits
by David Porter <aa3ur@comcast.net>
 - 22) [147997] pcboard material..
by sergio <sergio@village-buzz.com>
 - 23) [147998] For Sale SST-30
by Steve Holloway <wsholloway1@yahoo.com>
 - 24) [147999] Re: FT301/Older radios..problems with fixing..parts obsolete etc.
by "Bob Tellefsen" <n6wg@earthlink.net>
 - 25) [148000] Re: An In-Room, 80-Meter Transmitting Multiturn Loop Antenna
by wkhibbert@juno.com
 - 26) [148001] Re: High Speed Internet on Ham Bands
by "Paul Mills" <quahog@localnet.com>
 - 27) [148002] Re: FT301/Older radios..problems with fixing..parts obsolete etc.
by William R Colbert <w5xe@juno.com>
 - 28) [148003] RE: High Speed Internet on Ham Bands
by "K8YS/N8LBR" <jbcraft@adelphia.net>
 - 29) [148004] RE: High Speed Internet on Ham Bands
by W2AGN <w2agn@w2agn.net>
 - 30) [148005] F/S: Johnson Viking I AM/CW 160-10 meters
by Marv Fagenson <k6hcj@juno.com>
 - 31) [148006] High speed Ham Network
by "Karl F. Larsen" <k5di@zianet.com>
 - 32) [148007] Re: FT301/Older radios..problems with fixing..parts obsolete etc.
by Bruce Muscolino <w6toy@erols.com>

Date: Fri, 21 Mar 2003 17:12:08 -0500
From: Larry Przyborowski <k3peg@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147976] OT - Monitoring The Iraq War
Message-ID: <003a01c2eff6\$ea05ff10\$6401a8c0@K3PEGMAIN>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Just in case anyone's interested...

Subject: Monitoring The Iraq War

> Clipped from "Popular Communications" magazine
>
> Monitoring The Iraq War:
>

> As the world waits and watches Iraq, if you've got a shortwave receiver with

> sideband mode (USB and LSB) you can hear certain military communications

> related to the conflict including many long-distance GHFS (Global HF System)

>

> stations including Emergency Action Messages (EAMs) and Skyking messages

> which are high-priority messages for air and ground stations.

>

> Frequencies to monitor (in the USB mode) include:

> 4709, 4724, 6712, 6739, 8992, 11175, 11271, 15038 (11175 is a very active

> frequency most of the time)

>

> Shortwave broadcasts from the Middle East that you can hear with a

> reasonable

> antenna include the following. Note that UTC (Universal Time) is 5 hours

> ahead of EST. Note that because the changing situation in the area these

> times and frequencies are subject to change; of course checking the

> frequencies from time to time is your best bet of hearing a broadcast.

>

> Egypt, Radio Cairo on 9900 at 2315 UTC

>

> Iran, Voice of the Islamic Republic, Tehran on 9022 at 1030 UTC (also on

> 9835 and 11970) Iran also on 13730 and 13745 at 1330 UTC.

>

> Iraq, Radio Baghdad on 11787 (varies slightly to 11785) at 2000 UTC. Also

> check 15265, 15375, 15385, 21470 at 1100 UTC.

>

> Israel, Kol Israel on 6280, 7475, 9435 at 0500 (also on 11605). Israel

> also

> on 15640, 17535 and 6220 at 2000 UTC. Also check 1700 UTC on 17545. At

> 1900

> UTC on 11605, 15615 and 17545.

>

> Kuwait (Radio Kuwait) on 11990 kHz at 1800 UTC. Also check 15110 kHz.

>

> Syria, Radio Damascus on 12085 (and 13610 frequently) at 0500 and 2000 UTC

>

> Turkey, Voice of Turkey, Ankara on 11960 and 12000 at 2100 UTC; on 6020 at

> 0400 and 2300 UTC

>

> United Arab Emirates Radio, Dubai on 13675, 15395 at 0020, 1330 UTC; 15395

> at 0030; 0200 on 15395 and 15370;

Date: Fri, 21 Mar 2003 14:44:31 -0800 (PST)
From: Steve Holloway <wsholloway1@yahoo.com>
To: qrp-1@lehigh.EDU
Subject: [147977] 40 meter SW+ sold
Message-ID: <20030321224431.98352.qmail@web12805.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Its spoken for.

Do you Yahoo!?
Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!
<http://platinum.yahoo.com>

Date: Fri, 21 Mar 2003 16:54:04 -0600
From: "Jay" <aj4ay@worldnet.att.net>
To: "QRPL" <qrp-1@lehigh.edu>
Subject: [147978] FOX
Message-ID: <000d01c2effc\$c67504f0\$e472560c@jay>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

Early conditions last evening were fairly miserable with S5-S8 noise and no sign of the foxii or hounds. I listened for about 10 minutes and decided to wait until later in the hunt.

A few minutes after 0300Z, I turned the K2 back on and found Dan. His signal and those of the hounds still weren't very strong but I made his log after a few calls. Then on to Doc and made his log on my first call. Thanks to both for having good ears.

I would like to express my thanks to:

N1FN- ET

N1TP- Tom

K0EVZ- Doc

K7Q0 - Chuck

VE5RC- Bruce

for allowing us to have so much fun. You guys did a great job. I really

hate to see it end and am looking forward to the summer hunts.

Fellow hound/truffle Lloyd K3ESE said:

>Besides being something to brighten up each week
>during the dreary season, the Hunt provides an
>extraordinary environment for developing and honing
>good operating skills - because QRP takes skill - and
>to display those skills. We get to do it with our
>friends, and we can talk about it on the list.

I could not agree with him more. I truly believe that my listening and operating skills have been greatly influenced by the fox hunts over the last several years. Yes, I still have brain cramps occasionally with my fingers/brain/key interface, but I think I have gained a tremendous amount of ability and pure pleasure in just being involved with this activity and playing radio with the fine folks on this list.

Congratulations to ALL for a fun activity and a most satisfying challenge.

Jay
AJ4AY
Mobile, AL
QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.462 / Virus Database: 261 - Release Date: 3/13/2003

Date: Fri, 21 Mar 2003 18:04:05 -0500
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-l@Lehigh.EDU
Subject: [147979] Re: Lightning (long)
Message-ID: <3E7B9A65.D2500D2@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, let me tell you my story,....
I had an endfed wire come thru a house wall bulkhead, thence to a homemade matchbox. The matchbox was disconnected from the rig via a rotary coax switch

(rig/common lead switched to ground bus). My dad always made me ground my antenna thru a knife switch outside, when I wasn't operating, when I lived there. Well, I just never got around to installing a knife switch at this place. I figured my 40' tower would offer sufficient "cone of protection" *. The tower was above the trees, and the wire was below the trees and ran thru an apple tree about 1/3 from the top. The wire was hauled up at the end with a plastic clothesline, which was made with a strand of wire in it for added strength, and the downhaul of this line was held fast by wrapping around the top of a chain link fence at the side of my property.. Then the big one struck.

The wire on the line vaporized, and little chunks of plastic were left in the yard. The bolt came in the house on the other end, thru the matchbox, vaporized the leads inside that arranged the match configuration, leaving several banana pins in their socket with no evidence of lead wire. It then must have arced to the AC outlet nearest the matchbox, since:

1. Several circuit breakers tripped in the cellar.
2. The front porch light controller blew (the SCR part, not the timer part).
3. The on/off failed in my TR-7, due to a blown component in the power supply.
4. The Radio Shack telephone was upset, not functioning properly (pulled and replacing the batteries reset it OK).
5. My computer monitor was affected, the colors all bled into one another across the screen.
6. The power supply section of a TV distribution amplifier in the basement was blown.
7. A fuse internal to my VCR was blown.

So now I have a knife switch on the outside connecting my wire antenna to a ground rod (closing the barn door after...etc.) For my coax leads, I have PolyPhaser lightning arrestors on each line, as well as the switch disconnect. I put a 3" X 3" red/green flag by my back door as a reminder to ground the antenna when I go out. (I flip from one side/color to the other when I switch it from connect to ground and vice versa). You don't see sturdy knife switches around to much, but I suggest you keep your eye open for one at a hamfest or flea market and put it to use.

73, Ed, K2MGM.

* The "cone of protection" is much narrower than you may be led to believe.

Date: Fri, 21 Mar 2003 23:22:52 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: n4lgh@waveguide.us, qrp-1@Lehigh.EDU
Subject: [147980] Re: Toaster oven for soldering?
Message-ID: <F220osA91E9GQvnbEG100011fdc@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Tracy Markham" <n4lgh@waveguide.us>
>Reply-To: n4lgh@waveguide.us
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Toaster oven for soldering?
>Date: Fri, 21 Mar 2003 12:56:40 -0800
>
>I saw this in an ad for express pcb for their stencil kit.
>
><http://www.pcbexpress.com/stencils/index.php>
>
>They suggest specific toaster ovens for reflow soldering?

http://www.seattlerobotics.org/encoder/200006/oven_art.htm

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 423947
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller

Chat online in real time with MSN Messenger <http://messenger.msn.co.uk>

Date: Fri, 21 Mar 2003 15:13:29 -0800 (PST)
From: Nelson Winter <thenels@go.com>
To: Chuck Carpenter <w5usj@9plus.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147981] Re: Rockmite on 30m? [Works Fine] [Parts Used]
Message-ID: <635487.1048288409912.JavaMail.thenels@gomailjtp02>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Since you only mentioned the number of turns and the core type for the inductors, are they still the original values from your earlier document of: L1 = 6.8mh and L2,3 = 1.2mh?

Thanks!

-----Original Message-----

From: "Chuck Carpenter" <w5usj@9plus.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Fri Mar 21 14:00:17 PST 2003
Subject: Rockmite on 30m? [Works Fine] [Parts Used]

>R-Mers,
>
>There is some early info about conversion of R-Ms to 30 meters on Rod's
>Rock-Mite Files website. It's included in a downloadable MSWord file. This
>can be a starting point.
>
>Otherwise, here's what I'm currently using with my 30 meter Rock-Mite.
>
>Crystals: 2 ea 10.116 from NorCal and/or 10.106 from QRPP-I
>C10,11 = 47 pF C0G/NP0
>C12 = 39 pF C0G/NP0
>R18 = 7.5 Ohms w/2N2222A
> 2 Ohms w/2N2219A or 3x2N2222As matched very closely
>
>Filter values were determined from the SVC tables in the Handbook.
>
>L1 = 12 t #26 on FT37-43
>L2,3 = 20 t #26 on T37-6
>C15,17 = 330 pF
>C16 = 560 pF
>D5 = adjust voltage for 750 Hz shift - try the 7.5 V to start then
>possibly 6.8.
>
>I'm putting small value capacitors in series with the crystals to get them
>on frequency if needed. Most of those I've tried tend to oscillate a kHz
>or 2 low.
>
>Actually, I only put a cap on one crystal. Then I switch them between Y1
>and Y2 to give me two different frequencies. I use machined DIP pins as
>sockets.
>
>With the 10.116 crystals I have, they oscillated at ~10.114. A 33 pF moved
>one back to ~10.116 and 10 pF moved another to ~10.120. YMMV.
>
>All R-Ms seem to be sensitive to matching. Q6 is likely to get hot(er) if

>you tune into an unmatched load. A 50 Ohm absorptive bridge for tuning is
>a good idea.

>

>

>Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
>QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
>Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Less = More

<http://www.qsl.net/wb6dwd/>

RM-40/30/20

GO.com Mail

Get Your Free, Private E-mail at <http://mail.go.com>

Date: Fri, 21 Mar 2003 19:11:14 -0500

From: Michael Byrd <m.byrd10@verizon.net>

To: qrp-l@Lehigh.EDU

Subject: [147982] OT: Repairing older radios and such.

Message-ID: <3E7BAA1D.6A158D1D@verizon.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"

Content-Transfer-Encoding: 7bit

Good Day Gentlemen,

I just thought I would pass this information along that may save you some money.

I have been using a Yaesu FT-301 QRP on 40 and 10 meters. I had a very sudden drop in output to less than 1/2 watt. I spent some time to find the problem and found the SWR on my antenna had jumped to 5.7 to 1. I was able to fix the antenna problem, but the output amp on the FT-301 was gone. I put this off until recently as I was just about finished with my K1. The Yaesu was in mint condition when I bought it last year, not a speck of dust inside or out. There was no odor inside the radio and it seemed like it was used very little during it's life. It was worth the best of care.

I checked the web page for Yaesu support and found I could just ship it off for repair. I decided to do this as I have very little test equipment here. After two weeks I got a postcard that said they received the radio and listed the work order number. That same day I also got a phone call from Yaesu. They told me the radio was too old and couldn't be repaired. I questioned

this and was told there are no parts available for it anymore. I then replied there must be substitutes for the semiconductors. The technician countered with the same argument, the radio is outdated and parts are no longer available. At that point he offered to make a trade in for a new radio. I said I could afford a new radio but choose this one instead. This conversation went in the same circle for awhile. Finally he cut things short and said they were sending it back to me.

Now I am not angry with Yaesu over this, but I am very disappointed. I also understand their point about not having stock parts for replacement after such a long time. There should have been some disclaimer on their web page towards older equipment.

So, here the point of this post: If you have a radio that is 5 years or older, call or e-mail first and save the shipping costs. I paid over \$100 in shipping just so my radio could go on vacation.

Well, I got a home coming party to plan and balloons to blow up. Hmm... I wonder if FT-301's drink 807's?

Mike - AC4UR

p.s. - If anyone has info on Yaesu parts substitution, I could use some help.

Date: Fri, 21 Mar 2003 18:16:26 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [147983] YES on Summer FOX Hunt
Message-ID: <412003362201626646@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Plans are just getting underway for a 20-Metre Summer FOX Hunt. Still need to settle on the dates. Then a call will go out for prospective FOXes.

Gotta tell ya, I am already experiencing withdrawal even though the Winter FOX Hunt season ended just last evening. Wow.

Anyway, be thinking about whether you might like to serve as a Summer FOX. I expect there will be announcements in the next 2-3 weeks.

73,

--Doc/K0EVZ

Date: Fri, 21 Mar 2003 17:01:22 -0800
From: Don Minkoff <cowchip@attbi.com>
To: qrp-l@lehigh.edu
Subject: [147984] Thanks from NK6A
Message-ID: <3E7BB5E2.8020409@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I would like to thank Doc for stepping in to rescue me from what would have been a very uncomfortable two hours. I had surgery last Friday for a double hernia and can only sit for about 30 minutes maximum. I am slowly improving though. I was really looking forward to my next FOX outing plus being the last Fox of this season was special. Doc, sorry you were under the weather. Maybe we should try changing foxes every thirty minutes.

I did manage to work-um both last light and appreciate the good ears of both Doc and Dan.

--

Don Minkoff - NK6A
Mar Vista, CA

Date: Fri, 21 Mar 2003 20:20:23 -0500
From: "Ken Newman" <N2CQ@Dandy.Net>
To: "W3BG" <W3BG@arrl.net>, "Norm Into" <normk8ni@neo.rr.com>,
"N4SO" <N4SO@Juno.com>, "List Elecraft" <Elecraft@mailman.qth.net>,
Subject: [147985] [Contest] N2CQ QRP Contest Calendar Mar 22-31
Message-ID: <000f01c2f011\$3b864240\$17e980d1@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR

March 22-31,2003  
~~~~~

Oklahoma QSO Party (CW/Digital/Phone) ... QRP Category

Mar 22 - 1100z to Mar 23 1100z

Rules: <http://www.qsl.net/okdxa/OKQP.htm>
~~~~~

Spring QRP Homebrewer Sprint (CW/PSK31) ... QRP Contest!!!!

Mar 24 - 0000z to 0400z (Sunday evening in US/Canada)

Rules: <http://www.njqrp.org/data/qrphomebrewersprint.html>  
~~~~~

ATLANTICON - Mar 28/29, 2003
~~~~~

CQ World-Wide WPX Contest (SSB) ... QRP Category

Mar 29 - 0000z to Mar 30 - 2400z

Rules: <http://home.woh.rr.com/wpx/>  
~~~~~

Thanks to WA7BNM, SM3CER, N0AX-(ARRL) and others
for assistance in compiling this calendar.

Anyone may use this "QRP Contest Calendar" for your website, newsletter,
e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

Date: Fri, 21 Mar 2003 21:32:45 -0500 (EST)

From: "n2cx" <n2cx@voicenet.com>

To: njqrp@njqrp.org

Cc: qrp-1@lehigh.edu

Subject: [147986] Atlanticon "Sniffer" tips

Message-ID: <200303220232.h2M2Wjr26913@email1.voicenet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=iso-8859-1

Group,

When I did the initial Sniffer design, I breadboarded using available components. For the last week or so I've been tweaking one made with the parts from a kit as supplied for the upcoming Atlanticon.

We will formally publish refinements in the future but for now I want to share a couple of things as an early heads-up.

The first important issue is that the instructions recommend only a short whip antenna. Practically speaking you can extend the antenna length to at least a foot and gain more sensitivity. I found a very good 12 inch whip at Radio Shack that does a good job. Highest sensitivity is with the length extended to full length. By telescoping it down you can reduce sensitivity if needed.

The second finding is that the toroids in the tuner seem to have more inductance than expected. For the Atlanticon hidden xmtr hunt this isn't too important, but what it means is that the whole thing tunes below 80 meters at the low end of its range and below 10 meters at the top.

If you are brave you can try changing the inductors a little at a time to move the tuning range higher.

I have checked my tuning roughly by coupling the output of my Autek RF-1 to the Sniffer antenna terminal thru a 100k or larger resistor. I leave the antenna connected so that its capacitance stays in circuit.

Meanwhile I've been having fun coming up with some stealthy fox hunt xmtrs and antennas. This is tougher than I thought it would be.

This event is gonna be fun!

For the NJQRP,

Joe E., N2CX

Date: Fri, 21 Mar 2003 22:59:33 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147987] Re: Comparison Argonaut V and FT-817
Message-ID: <20030322035312.BILH10565.imf43bis.bellsouth.net@[192.168.0.20]>

Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 3/19/03 4:22 PM, Karl F. Larsen at k5di@zianet.com wrote:

> For 40 meter Fox Hunting the Argo V is a few DB better in
>blocking dynamic range and the third order intercept. So if you want the
>very best QRP radio for 40 meter CW, and don't care about other things
>you should choose the Argo V.

No, you'd choose the K2, whose numbers trounce anything made by Yaesu or
Ten-tec.

> If size and portability matter the FT-817 wins. If you really
>need 20 watts the Argo wins.

The K2 can go to 100 watts....

> My opinion is the FT-817 is a better choice. I have one and
>might buy another just to put in a safe place in case this one dies....)

I ain't sharing my K2 <grin>

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Fri, 21 Mar 2003 23:06:57 -0500
From: "Tom Curtola" <tcurtola@rogers.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147988] For Trade
Message-ID: <000b01c2f028\$7b657540\$54103141@bloor.phub.net.cable.rogers.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm posting this for a friend. Please email him directly as indicated
below:

=====

Wanted to trade: I have an assembled K1 40/20 module. I am looking for an

assembled K1 80/40 module. Contact Tom Hamblin, VA3HN, off list at hamblin@mirusinternational.com.

=====

Date: Sat, 22 Mar 2003 01:14:32 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NoVAQRP" <NoVaQRP@topica.com>,
"EPA-QRP" <EPA-QRP@yahooogroups.com>, "NJQRP" <njqrp@njqrp.org>,
Subject: [147989] Atlanticon Speaker - Joe Everhart, N2CX
Message-ID: <000e01c2f03a\$a3b2d210\$72c03ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We're entering the final countdown of days leading to the Atlanticon QRP Forum - only 7 to go!

We've told everyone about five Atlanticon speakers and presentations thus far -- KI6DS, KA5DVS, EA2SN, K8IQY and AA0ZZ -- and this installment introduces speaker #6 ... JOE EVERHART, N2CX.

I'm proud to say that Joe has been my 'cohort in crime' here in the NJQRP Club over the last 7 years, and along the way has become my best friend as well. We've all been graced by his insight in RF design and pragmatic approach to development of kits, antennas and field operations over the years. Recently, N2CX has been focusing on a new and flexible QRP experimenter's platform we developed together called the QuickieLab. His initial guidance to QRPers concerning how to build and use the QuickieLab have been published in the QRP Quarterly and QRP Homebrewer magazines ... and Joe's presentation at Atlanticon this year pulls it all together to show the big picture in the form of the 'QuickieLab Test Bench'.

N2CX has a passion for test equipment, and he'll describe how the NJQRP QuickieLab is a great platform with which to build a ham measurement and test bench. The Inherent BASIC Stamp 2 functions, the QuickieLab features, the IOX chip (Input Output eXtender) and DDS daughtercard (Direct Digital Synthesizer) together form a powerful collection of tools with which one can implement a wide variety of test equipment. We will see how the basic hardware plus some added interface circuitry can be used to make a powerful, modular and integrated test bench consisting of a DC voltmeter, frequency counter, signal generation, AC/RF voltmeter, SWR meter, RF power meter, remote-reading field strength meter, antenna analyzer building blocks, sweep

generator/detector, two-tone generator, digital thermometer, comparative headphone tester, semiconductor parametric tester, VFO, signal tracer ... and the list goes on even more! I've read Joe's paper, destined for the Proceedings that everyone gets, and its terrific! And so will be his presentation.

You don't want to miss this N2CX presentation, with live demonstrations of the QuickieLab Test Bench -- it'll be a classic!

Sure hope to see you at Atlanticon this year, starting next Friday March 28 and going through Saturday evening, there in Baltimore, MD. There's a huge hamfest based within walking distance of our hotel and we have some real neat activities and great door prizes planned throughout Saturday. And the operative words for the whole weekend are 'QRP fun'!

73, George N2APB n2apb@amsat.org
<http://www.njqrp.org/atlanticon/atlanticon2003.html>

About Joe Everhart, N2CX

Joe Everhart, N2CX is product of "space age" as his imagination was fired by technology during those heady days. First by necessity and later by inclination, he has always been a homebrewer. With over 25 years in the aerospace industry, Joe has learned the hows and whys of all that neat stuff he's built along the way - and sometimes knows that it shouldn't work but does anyway! Having worked on everything from LF antennas through the S-band comm system on the ISS Alpha, Joe loves to roll his own and then to write about it to help others learn what this radio stuff is all about. He is a radio-active member of NJ-QRP deeply involved in the popular homebrew kits offered by that club. He even gets on the air once in a while to check his homebrew rigs and antennas in QRP contests, as well as from portable locations at hotels in strange cities.

Date: Sat, 22 Mar 2003 12:36:57 +0000
From: k4vib@att.net
To: qrp-1@lehigh.edu
Subject: [147990] An In-Room, 80-Meter Transmitting Multiturn Loop Antenna
Message-ID: <200303221236.h2MCaxJb024700@rain.CC.Lehigh.EDU>

Anyone have the PDF file of An In-Room, 80-Meter Transmitting Multiturn Loop Antenna?? Anyone know how to modify it to work on 30m?? Or does anyone have a

similar design that would work on 30m?

Thanks,

Bill
K4VIB

Date: Sat, 22 Mar 2003 05:12:20 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: aa4lr@arrl.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147991] Re: Comparison Argonaut V and FT-817
Message-ID: <20030322131220.29855.qmail@web14204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

You know folks, it would be nice if you would compare apples to apples. Just because it is a radio does not make them the same. Each of the radios mentioned in this thread were not made to compete with each other. Each was made for a different market share and end use.

The 817 is a portable rig, the 516 is made for the shack and maybe mobile, and the K2 is a kit and out of the price class of the other two.

Lets try to stay with like things when we compare them.

73, Bill kc4atu

Do you Yahoo!?
Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!
<http://platinum.yahoo.com>

Date: Sat, 22 Mar 2003 06:36:18 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [147992] High Speed Internet on Ham Bands
Message-ID: <Pine.LNX.4.44.0303220626380.1388-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There is an inexpensive bunch of devices at Office Max that have a spread spectrum radios in them. They can be modified by a Technician Class ham to operate in the Ham band near 2,000 MHz. While a non-ham cannot modify these radios legally, we can put external antenna's, amplifiers, and such on the little devices.

In a small town one Ham buys a high speed internet service, and shares it with his Ham buddies. If your a buddy, you get 100 MHz internet service and if a real buddy you help pay for your share of the cost....:-)

Go to <http://www.arrl.org/hmmm/> and see what's going on. It's real QRP activity which does something useful.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 22 Mar 2003 08:44:34 +0000
From: ve3ab@mail.mondenet.com
To: qrp-l@lehigh.edu
Subject: [147993] FT301/Older radios..problems with fixing..parts obsolete etc.
Message-ID: <200303221342.h2MDgeaF008296@barclay.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I read with interest the post by the gent who has an ft310 and the parts were obsolete. I deal with obsolete semiconductors with the canadian govt. We use a GIDEP obsolescence system..to recieve obsolescence notices from participating industries and we go out and do Lifetime Buys on the components..to ensure an adequet supply. I had an Ft301 and I beleieve there are no special purpose ICs that couldnt be spared with much difficulty. The final output transistors could (most llikely) be spared as well. I once had a yaesu solid state 100w amp that i used with an FT7. I blew the finals in this amp one time. They were special part nrs (proprietary) SRF types. What I did was look over the circuit and looked through a motorola RF data book and found a few likely candidates as substitutes. I chose an MRF 412(I think)..same footprint..same general specs as specified in the AMP literature..and replaced them with the subsitute. The amp worked great. Motorola

would not disclose any info on the SRF transistors ..so I did my
best educated guess and it worked.
73 Earl VE3AB

Date: Sat, 22 Mar 2003 06:34:10 -0800
From: "JAKidz" <jakidz@pullman.com>
To: <qrp-1@Lehigh.EDU>
Subject: [147994] Re: Lightning (long) - cone of protection
Message-ID: <PMECLCODPFKGLKANCBLAAEMOCFAA.jakidz@pullman.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

E. Roswell wrote:

I figured my 40' tower would offer sufficient "cone of protection"
*. The tower was above the trees, and the wire was below the trees and ran
thru an apple tree about 1/3 from the top.

=====

A while back I happened to be talking about lightning strikes to a guy who
installed and instrumented tall towers for environmental monitoring. As one
of the locations was in a mountain park in a heavy lightning area, the tower
had three copper grounding straps that ran from ground rods at the base of
the tower to rods that projected upward and away from the tower at the top.
Monitoring instruments mounted at various levels on the tower fed signals in
shielded conduit down to equipment in a metal trailer at the base of the
tower. The metal mounting rod for an anemometer that was to be mounted
midway down the tower was missing so they mounted it on a wooden dowel
projecting from the side of the tower and the signal wire was in the open
from the anemometer to the conduit on the tower.

Lightning hit the anemometer, blew it to pieces, vaporized the anemometer
signal wire down the tower and into the instrument trailer and destroyed a
rack of expensive instrumentation and recording equipment. He doesn't put
much faith in "cone of protection" any more.

73,
John, K7JG.

Date: Sat, 22 Mar 2003 09:40:54 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: k5di@zianet.com, qrp-1@Lehigh.EDU

Subject: [147995] Re: High Speed Internet on Ham Bands
Message-ID: <3E7C75F6.000001.60291@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

Let's see.

Is our "helpful" Joe Ham going to identify his station, as is required in the Ham bands? NO? Violation #1

Use of Ham Radio in commission of a Felony, (unless of course, he has permission from the Internet Provider to "share" with his Ham buddies). Violation #2.

Should be good enough for license revocation AND some jail time.

Go for it!

+---+---+---+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----Original Message-----

From: k5di@zianet.com
Date: Saturday, March 22, 2003 09:02:50 AM
To: Low Power Amateur Radio Discussion
Subject: High Speed Internet on Ham Bands

There is an inexpensive bunch of devices at Office Max that have a spread spectrum radios in them. They can be modified by a Technician Class ham to operate in the Ham band near 2,000 MHz. While a non-ham cannot modify these radios legally, we can put external antenna's, amplifiers, and such on the little devices.

In a small town one Ham buys a high speed internet service, and shares it with his Ham buddies. If your a buddy, you get 100 MHz internet service and if a real buddy you help pay for your share of the cost...:-)

Go to <http://www.arrl.org/hsmm/> and see what's going on. It's real QRP activity which does something useful.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

.

Date: Sat, 22 Mar 2003 11:20:25 -0500
From: David Porter <aa3ur@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147996] Atlanticon Registrations and Sniffer Kits
Message-ID: <NGBBICPOCLKMGIBGGBEAKEIPDFAA.aa3ur@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

For the moment, I seem to be caught up with the Atlanticon Sniffer kits.
Remember, that Atlanticon attendees will generally be sent the kit first.
You may check out the status of your order by checking the following page:

<http://www.njqrp.org/sniffer/snifferorders.htm>

This page is also available from the Sniffer page as a link just above the first pictures.

<http://www.njqrp.org/sniffer/index.html>

To find your order with Internet Explorer, use the Edit, Find on this Page menu item to open a search box that will search the text on the page and find your name.

The Registration information (the first column) is either Atlanticon, if you are attending Atlanticon, or Sniffer if you are not. Let me know if you are listed as Sniffer and you will be coming to Atlanticon and I will see that it is changed and try to get you a kit. If it is Atlanticon and you are not attending, don't bother me about it.

Kits that have not shipped have a shipping date of "-". Otherwise the actual date is shown.

This page will be updated each time we add shipments.

Thanks for supporting NJQRP,

Dave, AA3UR

Date: Sat, 22 Mar 2003 12:25:35 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-1@Lehigh.EDU
Subject: [147997] pcboard material..
Message-ID: <5.1.1.6.0.20030322120223.03e6ecb8@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

i have been asked by a ton of folks if i am gonna be doing this again..

the answer is ... YES..

but i am gonna have to do it in a more orderly fashion, so i don't get flooded...

what i will do is make around ten packs.. and give them out the first ten responders..

it might be a week or two before i can gather everything.. but i will make an announcement to the list..

the deal will be the same as the last time.. BUT with a new twist..

1. the cost will be the same.. the cost for shipping..

2. you HAVE to contact me on 40m when your pack comes in.. this will get me some contacts!

ps: for those of you who do not know about the circuit board business..
there is a process called "hot air solder levelling.."

what happens is.. boards are shot through a machine that cleans and fluxes the boards.. then, they are shot through a blaze of molten solder.. they come out fully coated with solder..

we get tons of edges (about 14" - 21" long and about 1/2" - 1" wide) that are fully covered with solder..

wouldn't these ROCK as manhattan pads?

if there is interest, i could make packs of this stuff, too...

peace,
sergio
www.village-buzz.com - "the village buzz"
www.mp3.com/village_buzz - "the rock n roll, baby!"
www.coffee-black.com - rock photo!
phone ... 419 606 0557
to subscribe to The Village Buzz, send a blank email to:
VB-Announce-subscribe@yahoogroups.com
www.amazon.com/o/registry/3L7DM7FMR50QU <- buy me some swag!

Date: Sat, 22 Mar 2003 11:29:17 -0800 (PST)
From: Steve Holloway <wsholloway1@yahoo.com>
To: qrp-l@lehigh.EDU
Subject: [147998] For Sale SST-30
Message-ID: <20030322192917.3958.qmail@web12802.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have a built working Wilderness SST-30 that I no longer need due to other 30 meter rigs. Works fine, no mods. Shipped CUSA price \$60.
72,
Steve KE4JZG

Do you Yahoo!?
Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!
<http://platinum.yahoo.com>

Date: Sat, 22 Mar 2003 11:52:52 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [147999] Re: FT301/Older radios..problems with fixing..parts obsolete etc.
Message-ID: <MABBJOEABOILMKCJCLFCOELJEDAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Earl

You will often run into the "no info released" problem with devices like the SRF transistors. As I understand it, these devices are proprietary to the manufacturer like Yaesu, manufactured to their specs. Motorola is just the contract manufacturer of the devices, and has no rights to the info, hence can't release it. This even though it might just be a gradeout of a standard

Motorola device.

You did the only thing possible, since Yaesu would be unlikely to release detailed specs to you.

73, Bob N6WG

Date: Sat, 22 Mar 2003 15:12:59 -0500
From: wkhibbert@juno.com
To: k4vib@att.net
Cc: qrp-l@lehigh.edu
Subject: [148000] Re: An In-Room, 80-Meter Transmitting Multiturn Loop Antenna
Message-ID: <20030322.151259.-357391.1.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bill. Keith here in the Depths of the Great Bergen Swamp

The article in QST was "Honey, I Shrunk the Antenna!". I have it somewhere here in the mess, but do a search on the ARRL website and it's there. The author was Rod Newkirk as I remember.

It was 2, 3 and 4 turn loops for the HF spectrum, and there's a 30 meter design in the article, no need to reinvent the wheel...

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

Sign Up for Juno Platinum Internet Access Today
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Date: Sat, 22 Mar 2003 15:30:08 -0500
From: "Paul Mills" <quahog@localnet.com>

To: <QRP-L@Lehigh.EDU>
Subject: [148001] Re: High Speed Internet on Ham Bands
Message-ID: <002501c2f0b1\$d55fd3e0\$49439942@cybrinjn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, March 22, 2003 9:40 AM
Subject: Re: High Speed Internet on Ham Bands

> Let's see.

>

> Is our "helpful" Joe Ham going to identify his station, as is
required in
> the Ham bands? NO? Violation #1

Easy enough to do, eh? just program your server to id every 10
minutes like a repeater.

> Use of Ham Radio in commission of a Felony, (unless of course,
he has
> permission from the Internet Provider to "share" with his Ham
buddies).
> Violation #2.

Felony? which Felony? Unless the ISP specifically forbids
sharing, then its NONE OF THEIR BUSINESS what you do with your
bandwidth. Even if they do, I think they would be on shaky
ground. They can choke your bandwidth, perhaps, or block
services, but what is beyond your firewall is your business, not
theirs.

>

> Should be good enough for license revocation AND some jail
time.

???? The FCC does not have authority (nor any interest in) to
enforce ISP's service policies. Violating TOS is a contractual
issue, not a criminal issue, let alone a jailable felony.

>

> Go for it!

>
>
>
>
> +---+---+---+---+ John L. Sielke
> |W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
> +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS
>
> -----Original Message-----
>
> From: k5di@zianet.com
> Date: Saturday, March 22, 2003 09:02:50 AM
> To: Low Power Amateur Radio Discussion
> Subject: High Speed Internet on Ham Bands
>
> There is an inexpensive bunch of devices at Office Max that
have
> a spread spectrum radios in them. They can be modified by a
Technician
> Class ham to operate in the Ham band near 2,000 MHz. While a
non-ham
> cannot modify these radios legally, we can put external
antenna's,
> amplifiers, and such on the little devices.
>
> In a small town one Ham buys a high speed internet service,
and
> shares it with his Ham buddies. If your a buddy, you get 100
MHz
> internet service and if a real buddy you help pay for your
share of the
> cost....:-)
>
> Go to <http://www.arrl.org/hmmm/> and see what's going on. It's
> real QRP activity which does something useful.
>
>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>
>
> .
>

Date: Sat, 22 Mar 2003 13:42:55 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [148002] Re: FT301/Older radios..problems with fixing..parts obsolete etc.
Message-ID: <20030322.134257.-80251.1.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I did the same thing some years ago with an Atlas 350, which the finals AND driver were discontinued types. I replaced the finals(4) with MRF 458's and instead of the nominal 180 watts out, got near 300 watts output. Poking along at the 15-200 watt output, that rig is still in operation at a friend's location in Cd. Juarez. The Motorola databook of some years ago has a host of suitable final transistors.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Sat, 22 Mar 2003 15:55:16 -0500
From: "K8YS/N8LBR" <jbcraft@adelphia.net>
To: <w2agn@w2agn.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [148003] RE: High Speed Internet on Ham Bands
Message-ID: <000801c2f0b5\$57f954e0\$1c184644@lbrtoh.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

IF you are REALLY interested, come check out the ham-80211 group at yahoo groups...

I am in the process of collecting the WAP and Wireless NICs so that I can start playing with 802.11b myself.

Bob

Let's see.

Is our "helpful" Joe Ham going to identify his station, as is required in the Ham bands? NO? Violation #1

Use of Ham Radio in commission of a Felony, (unless of course, he has permission from the Internet Provider to "share" with his Ham buddies). Violation #2.

Should be good enough for license revocation AND some jail time.

Go for it!

+-----+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sat, 22 Mar 2003 16:07:20 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: jbcraft@adelphia.net, qrp-1@Lehigh.EDU
Subject: [148004] RE: High Speed Internet on Ham Bands
Message-ID: <3E7CD088.000003.60291@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

High Speed Internet is great, as is the new technology. However, using it as suggested, to subscribe, for example, to a DSL or Cable Internet hookup, then "share" it via Ham radio with your "Ham Buddies." is still "Theft of Services."

The technology is great, it is the misuse of it I object to.

John W2AGN

-----Original Message-----

From: K8YS/N8LBR
Date: Saturday, March 22, 2003 03:55:32 PM
To: w2agn@w2agn.net; 'Low Power Amateur Radio Discussion'
Subject: RE: High Speed Internet on Ham Bands

IF you are REALLY interested, come check out the ham-80211 group at yahoo groups...

I am in the process of collecting the WAP and Wireless NICs so that I can start playing with 802.11b myself.

Bob

Date: Sat, 22 Mar 2003 13:15:42 -0800
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-l@Lehigh.edu
Subject: [148005] F/S: Johnson Viking I AM/CW 160-10 meters
Message-ID: <20030322.131542.-222621.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Not Zackley QRP but-best I can tell, it's original! Loaded on 80/40 to 120 watts to a dummy load. More info, please respond.
Pick up only in Los Angeles area or we can make an arrangement to meet someplace.

Been told it's worth \$325 but make an offer I won't refuse.

72++

Marv Fagenson
k6hcj@Juno.com

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Sat, 22 Mar 2003 14:27:20 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [148006] High speed Ham Network
Message-ID: <Pine.LNX.4.44.0303221406290.2299-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rather than answer the two messages I received telling me that I will go to jail for doing exactly what a friend in town is already doing, is silly. You should not just set up a local area network, and then one person buy high speed internet service and hook everyone up on the QT. You tell the ISP your about to use what you plan to do. That is what Rodney did and the ISP gave him 6 ip numbers for his neighbors using his service.

In general you buy a certain amount of internet capability and what you pay is a function of how much bandwidth you have. You might buy from the Telephone company a T1 line. This you feed into a router and send the internet to many places. It does get complex but doable.

Now to learn more about this concept I direct your interest to the April 2003 QST page 28. You buy the \$100 device from Best Buy and get another person to buy one. Then you get together and play and learn.

You also get on the U of Texas list from the ARRL web page.

You put both devices on channel 5 2432 MHz plus or minus 11 MHz spread spectrum.

Since this frequency is in the Amateur band all you need to do is identify your station with your call sign. Like the old packet radio days there will be k5di-1, k5di-2 ... and these call signs will be placed in every packet sent out. Just like the old slow packet radio.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 21 Mar 2003 01:42:32 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: n6wg@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [148007] Re: FT301/Older radios..problems with fixing..parts obsolete etc.
Message-ID: <3E7AB458.6E260539@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have run into the same problem myself. One thing i have tried is using RF Parts as a source. Theyh have often helped. While they cannot help with Yaesu, they do maintain a good stock ok kenwood parts and manuals.

73

End of QRP-L Digest 2867

